

b) contacting said first cell with said transcription factor ligand and with a compound having AP-1 mediated estrogenic activity; and

c) detecting expression of said first reporter gene, whereby an alteration in expression of said first reporter gene, as compared to expression of said first reporter gene in the absence of said transcription factor ligand, indicates that said nuclear transcription factor ligand modulates estrogen activation at an AP-1 site.

2. (Once amended) The method of claim 1, further comprising the steps of:

d) providing a [second] cell containing an estrogen receptor, a cognate receptor for said nuclear transcription factor ligand, and a promoter comprising an estrogen response element (ERE) that regulates expression of a second reporter gene;

e) contacting said [second] cell with said transcription factor ligand and with said compound having AP-1 mediated estrogenic activity; and

f) detecting expression of said second reporter gene.

3. (Once amended) The method of claim 2, wherein said first cell and [said second cell] the cell containing the estrogen response element that regulates expression of a second reporter gene are the same cell.

4. (Once amended) The method of claim 1, further comprising the steps of:

d) providing a [second] cell containing a cognate receptor of said transcription factor ligand, and a promoter comprising a response element for said cognate receptor that regulates expression of a second reporter gene;

e) contacting said [second] cell with said transcription factor ligand and with said compound having AP-1 mediated estrogenic activity; and

f) detecting expression of said second reporter gene.

5. (Once amended) The method of claim 4, wherein said first cell and [said second cell] the cell containing a cognate receptor of said transcription factor ligand are the same cell.

6. (Once amended) The method of claim 1, wherein said nuclear transcription factor ligand is selected from the group consisting of a glucocorticoid, a progestin, vitamin D, retinoic acid, [a] an androgen, a mineralcorticoid, and a prostaglandin..